



# Crop Progress and Condition

## National Agricultural Statistics Service

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**ALASKA:** There were 6.0 days suitable for fieldwork last week. While soil conditions remained dry, crop conditions generally improved due to scattered showers last. Topsoil moisture supplies were reported as 15% very short, 50% short, 35% adequate. Subsoil moisture supplies were listed as 20% very short, 45% short, 35% adequate. Barley was reported as 100% planted; 100% emerged. Oats were reported as 100% planted; 85% emerged. Potatoes were reported as 100% planted; 15% emerged. Condition of barley was reported 20% very poor, 30% poor, 40% fair, 10% good. Condition of oats was reported 10% very poor, 40% poor, 40% fair, 10% good. Condition of all hay was reported 5% very poor, 20% poor, 50% fair, 25% good. Rate of crop growth was reported as 10% slow, 90% moderate. The main farm activities for the week were finishing up seeding of oats, irrigating, weed control, tilling summer fallow, farm maintenance.

### CROP WEATHER SUMMARY

June 9 – June 15, 2014

Days Suitable for Fieldwork: 6.0

Crop	Topsoil Moisture	Subsoil Moisture
Very Short	15%	20%
Short	50%	45%
Adequate	35%	35%
Surplus	0%	0%

Pan Evaporation<sup>1/</sup> UAF-AFES, Trunk Rd 0.72

**TANANA VALLEY:** An average of 5.0 days was suitable for fieldwork. Topsoil moisture was reported as 20% very short, 80% short. Subsoil moisture was reported as 40% very short, 60% short. Barley was reported as 100% planted; 100% emerged. Oats were reported as 100% planted; 85% emerged. Potatoes were reported as 100% planted; 25% emerged. Condition of all hay was reported as 10% very poor, 40% poor, 50% fair. Rate of crop growth was reported as 100% moderate. Farm activities for the week included seeding forage oats, spraying for weeds in small grains and fallow ground, tilling fallow ground, irrigating, fence construction and maintenance.

**MATANUSKA VALLEY:** An average of 6.5 days was suitable for fieldwork. Topsoil moisture was reported as 10% very short, 15% short, 75% adequate. Subsoil moisture was reported as 25% short, 75% adequate. Potato planting was reported as 100% complete; 10% emerged. Condition of all hay was reported as 10% poor, 35% fair, 55% good. Rate of crop growth was reported as 25% slow, 75% moderate. Farm activities for the week included planting vegetables, irrigating, weed control, field tillage, farm maintenance.

**KENAI PENINSULA:** An average of 7.0 days was suitable for fieldwork. Topsoil moisture was reported as 100% adequate. Subsoil moisture was reported as 15% short, 85% adequate. Condition of all hay was reported as 95% fair, 5% good. Rate of crop growth was reported as 100% moderate. Farm activities for the week included weed control, farm maintenance.

### Soil Temperatures ( F<sup>0</sup> ) at 4 inch depth

	Grass			Fallow land			Temperature		Precipitation (inches)
	2014	2013	2012	2014	2013	2012	High	Low	
UAF-AFES, Trunk Rd	54	na	na	52	na	na	64	38	0.20
Sawmill Creek	46	47	51	na	na	na	69	31	0.21
Plant Materials Center	na	62	56	na	63	54	63	40	0.63

<sup>1/</sup> Pan evaporation is an indirect estimation of evapotranspiration or consumptive water use by plants. For purposes of watering or irrigation of plants, it is a good indicator of climatic effects on water use by crops. A positive reading indicates that evaporation exceeded precipitation. na – not available.

## Weekly Weather Statistics — Alaska: June 9 - June 15, 2014

Weather station	Air temperature				Last week precipitation		Season cumulative precipitation			Growing degree days		
	Hi	Low	AVG	DFN	Total inches	Days	Total inches	DFN	Days	Base 50		Base 40
										Total	DFN	Total
Fairbanks International.....	74	38	57	-2	0.02	1	0.33	-0.92	8	185	+18	592
Fairbanks-Eielson .....	71	35	54	-5	0.05	1	0.05	-1.39	1	106	-50	446
Nenana .....	72	33	54	-4	0.73	4	1.29	+0.52	8	113	-19	476
Fort Greely-Allen .....	67	39	54	-3	0.24	6	0.67	-1.14	11	103	-55	467
Healy River Airport.....	66	35	52	-4	0.34	5	0.72	-1.02	12	62	-29	412
Gulkana Airport.....	64	33	50	-3	0.23	3	0.68	-0.59	5	28	-21	411
Sutton .....	59	38	49	-4	0.57	6	1.99	+0.52	16	36	-20	426
Palmer .....	63	39	51	-4	0.32	5	1.04	-0.17	9	131	+33	571
Talkeetna .....	63	34	50	-5	0.98	5	2.21	-0.55	14	86	+8	495
Willow Airport.....	62	41	52	-3	0.67	6	1.95	+0.90	15	122	+58	563
Anchorage International .....	61	43	52	-3	1.00	5	1.68	+0.52	12	137	+54	579
Kenai.....	60	41	49	-3	0.46	4	1.66	+0.22	13	34	+2	363
Homer.....	60	40	51	+2	0.46	4	1.89	+0.37	15	51	+27	463
Kodiak.....	65	41	50	+2	0.68	3	5.63	-3.54	12	65	+40	445

Summary based on NWS data.

DFN=Departure from normal.

Precipitation days=Days with precipitation of 0.01 inch or more.

Season cumulative precipitation total starts May 1, 2014.

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